INTRODUCTION TO THE MAJOR

UC Berkeley offers two bachelors' degrees in Chemistry: a Bachelor of Science (BS) through the College of Chemistry and a Bachelor of Arts (BA) through the College of Letters and Science.

Students in the BS program develop a strong foundation in experimental processes, instrumentation, and quantitative analysis; acquire a strong foundation in math and physics; and may also choose to pursue the Materials Chemistry concentration.

The BA program includes a greater number of humanities and social science courses than the BS degree. Students who wish to pursue the BA degree should apply for admission to the College of Letters & Science.

WHICH DEGREE IS RIGHT FOR ME?

The Bachelor of Science (BS) in Chemistry is intended for students who are primarily interested in careers as professional chemists or wish a thorough grounding in chemistry in preparation for professional or graduate school in chemistry and related disciplines.

The Bachelor of Arts (BA) in Chemistry is intended for students interested in careers in teaching, medicine, or other sciences in which a basic understanding of chemical processes is necessary. Students interested in subsequent graduate studies in chemistry will receive a better preparation by pursuing the BS in Chemistry.

AMPLIFY YOUR MAJOR

- Visit peer tutors in Bixby Commons for help with chemistry, math, physics, and other classes.
- Join Alpha Chi Sigma, a professional chemistry organization.
- Apply to the Chemistry Undergraduate Teacher Scholar Program to become an apprentice instructor and mentor.
## WHAT CAN I DO WITH MY MAJOR?

### Jobs and Employers

- Associate, D.E. Shaw Research Research Assoc., Latitude Pharm.
- Chemist, Metal Surfaces Inc.
- Synthetic Chemist Intern, U.S. DOE Research Technician, Univ. of Chicago

### Graduate Programs

- Atmospheric Sciences, PhD
- Chemistry, PhD
- Materials Science, PhD
- Physical & Theoretical Chem., PhD

### Berkeley graduates

- Examples gathered from the First Destination Survey of recent Berkeley graduates.

## DESIGN YOUR JOURNEY

### CHEMISTRY Bachelor of Science / Bachelor of Arts

<table>
<thead>
<tr>
<th>FIRST YEAR</th>
<th>SECOND YEAR</th>
<th>THIRD YEAR</th>
<th>FOURTH YEAR</th>
</tr>
</thead>
</table>
| **Explore**
- Meet with your staff advisor to discuss your academic plans.
- Familiarize yourself with major and college requirements.
- Browse undergraduate student services in the college.
- Talk to peer advisors about life in the major.
| **SECOND YEAR**
- Complete lower division prerequisites and start planning your upper division courses.
- Review the college guidelines for study abroad.
- Interested in Haas? Ask the staff advisor about the simultaneous Chemistry + Business Degree.
| **THIRD YEAR**
- Focus on upper division requirements:
  - Review your degree progress with your staff advisor.
  - For the Chemistry BS, consider adding a concentration.
  - Ask the staff advisor about the college honors programs.
| **FOURTH YEAR**
- Do a degree check to ensure you are on track to graduate.
- Complete any "bucket list" courses.
- Finish remaining major, college, and campus requirements.
- Complement your major with a certificate, course thread, or summer minor.

| **Connect**
- Visit peer tutors in Bixby Commons for help with chemistry, math, and physics.
- Find study groups, tutoring, and academic support at the Student Learning Center.
- Get help from peer advisors in 121 Gilman Hall.
- Join the College of Chemistry group on LinkedIn.
| **Discover**
- Talk to your faculty mentor about research, internships, careers, and graduate school.
- Explore research opportunities in Chemistry.
- Visit the Office of Undergraduate Research and Scholarships.
- Discover new interests in a Freshman Seminar or student-run DeCal course.
| **Engage**
- Attend the Calapalooza student activities fair and get involved with a student organization.
- Find service opportunities through the Public Service Center.
- Explore study, internship, and research abroad options with Berkeley Study Abroad.
| **Reflect**
- Visit the Career Center and Career Counseling Library.
- Check out the Career Center Yearly Planner.
- Sign up for Handshake and CareerMail.
- Read about chemistry as a profession and explore career resources on the College of Chemistry website.

### Periodic Table

<table>
<thead>
<tr>
<th>Major</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>Meet with a career counselor to discuss your career options and goals.</td>
<td>Explore career fields through the Career Connections Series or a winter externship.</td>
<td>Conduct informational interviews.</td>
<td>Ask professors and graduate student instructors for recommendation letters.</td>
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<tr>
<td></td>
<td></td>
<td>Learn about graduate and professional school.</td>
<td>Discuss graduate school options with advisors and professors.</td>
<td>Meet employers at Employer Info Sessions and On-Campus Recruiting.</td>
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<tr>
<td></td>
<td></td>
<td>See Step-by-Step for planning help.</td>
<td>Update your resume and LinkedIn profile.</td>
<td>Apply to jobs, graduate school, and other opportunities.</td>
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<tr>
<td></td>
<td></td>
<td>Think about doing an internship and attend an internship fair.</td>
<td>Attend career and graduate school fairs such as the STEM Career &amp; Internship Fair.</td>
<td></td>
</tr>
</tbody>
</table>